



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

✕ o ~ Docket No: Q78484

Kazumi NAITO, et al.

Appln. No.: 10/729,914

Group Art Unit: 1742

Confirmation No.: 3295

Examiner: Ngoclan Thi Mai

Filed: December 9, 2003

For: NIOBIUM POWDER FOR CAPACITOR, SINTERED BODY USING THE POWER AND CAPACITOR USING THE SAME

REQUEST FOR REPLACEMENT OFFICIAL FILING RECEIPT

ATTN: Office of Initial Patent Examination
Filing Receipt Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following correction:

POWER OF ATTORNEY:

John Mion--18879 _____ Peter Olexy--24513
Thomas MacPeak--19292 _____ J OSHA--24625
Robert Seas Jr--21092 _____ Louis Gubinsky--24835
Robert Sloan--22775 _____ Neil Siegel--25200
Darryl Mexie--23063 _____ Alan Kasper--25426

Abraham J. Rosner--33,276
Joseph J. Ruch, Jr.--26,577
Peter D. Olexy--24,513
Mark Boland--32,197
Gordon Kit--30,764

Bruce E. Kramer--33,725
Sheldon I. Landsman--25,430
Susan J. Mack--30,951
Brett S. Sylvester--32,765
Kenneth J. Burchfiel--31,333

Verification for the requested correction is indicated on the Declaration and Power of Attorney filed April 23, 2001 in grandparent Application No. 09/839,398 (a copy of which is attached).

Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Abraham J. Rosner
Registration No. 33,276

WASHINGTON OFFICE
23373
CUSTOMER NUMBER

Date: March 10, 2005



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL. NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/729,914 ✓	12/09/2003 ✓	1742 ✓	770 ✓	Q78484 ✓		19 ✓	3 ✓

23373
SUGHRUE MION, PLLC ✓
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037



CONFIRMATION NO. 3295 ✓

CORRECTED FILING RECEIPT



OC00000015322747

Date Mailed: 03/02/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kazumi Naito, Chiba, JAPAN; ✓
Kazuhiro Omori, Chiba, JAPAN; ✓

Assignment For Published Patent Application

SHOWA DENKO K.K. ✓

Power of Attorney:

John Mien - 18879 _____ Peter Olexy - 24513 ✓
Thomas MacPeak - 19292 _____ JOSHUA - 24625 ✓
Robert Seas Jr - 24092 _____ Louis Gubinsky - 24835 ✓
Robert Sloan - 22775 _____ Neil Siegel - 25200 ✓
Darryl Mexic - 23063 _____ Alan Kasper - 25426 ✓

Abraham J. Kasper - 33276 ✓ Bruce E. Kramer - 38735 ✓
Eugene J. Buch - 26577 ✓ Sheldon J. Lockman - 25440 ✓
Peter D. Olexy - 24513 ✓ Susan J. Mack - 30951 ✓
Mark Boland - 32497 ✓ Brett J. Sylvester - 32765 ✓
Gordon Kit - 30764 ✓ Kenneth J. Auchfield - 31335 ✓

Domestic Priority data as claimed by applicant

This application is a DIV of 10/322,430 12/19/2002 PAT 6,689,185 ✓
which is a CON of 09/839,398 04/23/2001 PAT 6,540,810 ✓
which claims benefit of 60/240,974 10/18/2000 ✓

Foreign Applications

JAPAN P2000-121485 04/21/2000 ✓

If Required, Foreign Filing License Granted: 03/24/2004 ✓

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/729,914**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Niobium powder for capacitor, sintered body using the powder and capacitor using the same

Preliminary Class

075

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する。

私の住所、郵便の宛先及び国籍は、私の氏名の後に記載された通りである。

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である(唯一の氏名が記載されている場合)か、或いは最初、最先且つ共同発明者である(複数の氏名が記載されている場合)と信じている。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NIOBUM POWDER FOR CAPACITOR, SINTERED
BODY USING THE POWDER AND CAPACITOR
USING THE SAME

上記発明の明細書はここに添付されているが、下記の欄がX印でチェックされている場合は、この限りでない:

☐ ____月 ____日に出版され、

この出願の米国出願番号またはPCT国際出願番号は、

____であり、且つ

____月 ____日に補正された出版(該当する場合)

私は、上記の補正書によって補正された特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

私は、連邦規則法典第37編1.56に定義されている特許性について重要な情報を開示する義務があることを認める。

the specification of which is attached hereto unless the following box is checked:

☐ was filed on ____
as United States Application Number or
PCT International Application Number

____ and was amended on

____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration

(日本語宣言書)

私は、ここに、下記に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一カ国を指定している米国法典第35編365条(a)項によるPCT国際出願について、同第119条(a)-(d)項又は第365条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日より前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applications

外国での先行出願

P2000-121485

(Number)
(番号)

JAPAN

(Country)
(国名)

21 April 2000

(Day/Month/Year Filed)
(出願日/月/年)

Priority Not Claimed

優先権主張なし

☐

(Number)
(番号)

(Country)
(国名)

(Day/Month/Year Filed)
(出願年月日)

☐

(Number)
(番号)

(Country)
(国名)

(Day/Month/Year Filed)
(出願年月日)

☐

私は、ここに、下記のいかなる米国仮特許出願についても、その米国法典第35編119条(e)項の利益を主張する。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)
(出願番号)

(Filing Date)
(出願日)

60/240,974

(Application No.)
(出願番号)

18 October 2000

(Filing Date)
(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編120条に基づく利益を主張し、また米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編112条第1段に規定された態様で、先行する米国出願またはPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose any material information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

私は、ここに表明された私自身の知識にかかわる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で、陳述が行われたことを、ここに宣言する。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

(日本語宣言書)

委任状: 私は、本出願を審査する手続きを行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び/または弁理士を任命する。(氏名及び登録番号を記載すること)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,083; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian V. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603; George F. Lehnigk, Reg. No. 36,359; John T. Callahan, Reg. No. 32,607; Steven M. Gruskin, Reg. No. 36,816; Peter A. McKenna, Reg. 38,551 and Edward F. Kenehan, Jr., Reg. 28,962

書類送付先:

Send Correspondence to:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213

直通電話連絡先: (名称及び電話番号)

Direct Telephone Calls to: (name and telephone number)

(202)293-7060

Full name of sole or first inventor 唯一又は第一発明者名	Kazumi NAITO	
Inventor's signature 発明者の署名	Date 日付	<i>Kazumi Naito</i> 06.09.2001
Residence 住所	Chiba, JAPAN	
Citizenship 国籍	JAPANESE	
Post office address 郵便の宛先	c/o Central Research Laboratory, SHOWA DENKO K.K. 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN	
Full name of second joint inventor, if any 第二共同発明者名 (該当する場合)	Kazuhiro OMORI	
Second inventor's signature 第二発明者の署名	Date 日付	<i>Kazuhiro Omori</i> 04.09.2001
Residence 住所	Chiba, JAPAN	
Citizenship 国籍	JAPANESE	
Post office address 郵便の宛先	c/o Central Research Laboratory, SHOWA DENKO K.K. 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN	

(第三以降の共同発明者についても同様に記載し、署名をする
こと。)

(Supply similar information and signature for third and
subsequent joint inventors.)



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q78484

Kazumi NAITO, et al.

Appln. No.: 10/729,914

Group Art Unit: 1742

Confirmation No.: 3295

Examiner: Ngoclan Thi Mai

Filed: December 9, 2003

For: NIOBIUM POWDER FOR CAPACITOR, SINTERED BODY USING THE POWER
AND CAPACITOR USING THE SAME

LIST OF ATTORNEYS PURSUANT TO 37 C.F.R. § 1.32(c)(3)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.32(c)(3), please recognize the following ten or fewer registered patent attorneys or registered patent agents named on the Declaration and Power of Attorney executed by the inventors on April 9, 2001, respectively, as being of record in the above identified Application or Patent.

Abraham J. Rosner--33,276

Joseph J. Ruch, Jr.--26,577

Peter D. Olexy--24,513

Mark Boland--32,197

Gordon Kit--30,764

Bruce E. Kramer--33,725

Sheldon I. Landsman--25,430

Susan J. Mack--30,951

Brett S. Sylvester--32,765

Kenneth J. Burchfiel--31,333

The above identified attorneys are also associated with Customer Number 23373.

Respectfully submitted,

Abraham J. Rosner
Registration No. 33,276

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: March 10, 2005

Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書



私は、以下に記名された発明者として、ここに下記の通り宣言する。

私の住所、郵便の宛先及び国籍は、私の氏名の後に記載された通りである。

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である(唯一の氏名が記載されている場合)か、或いは最初、最先且つ共同発明者である(複数の氏名が記載されている場合)と信じている。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NIOBUM POWDER FOR CAPACITOR, SINTERED
BODY USING THE POWDER AND CAPACITOR
USING THE SAME

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☐ ____月 ____日に出願され、

この出願の米国出願番号またはPCT国際出願番号は、

____であり、且つ

____月 ____日に補正された出願(該当する場合)

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the specification of which is attached hereto unless the following box is checked:

☐ was filed on ____
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I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applications

外国での先行出願

P2000-121485

(Number)
(番号)

JAPAN

(Country)
(国名)

21 April 2000

(Day/Month/Year Filed)
(出願日/月/年)

Priority Not Claimed

優先権主張なし

☐

(Number)
(番号)

(Country)
(国名)

(Day/Month/Year Filed)
(出願年月日)

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(Country)
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(Application No.)
(出願番号)

(Filing Date)
(出願日)

60/240,974

(Application No.)
(出願番号)

18 October 2000

(Filing Date)
(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第35編120条に基づく利益を主張し、また米国を指定するいかなるPCT国際出願についても、その同第365条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が、米国法典第35編第112条第1段に規定された態様で、先行する米国出願またはPCT国際出願に開示されていない場合においては、その先行出願の出願日と本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、連邦規則法典第37編規則1.56に定義された特許性に関わる重要な情報について開示義務があることを承認する。

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose any material information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

私は、ここに表明された私自身の知識にかかわる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じられることを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生ずることを理解した上で、陳述が行われたことを、ここに宣言する。

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